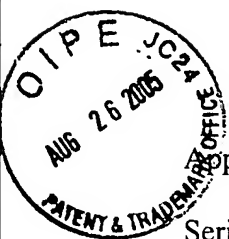


IFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Leblans )Attorney reference:27500-160  
Serial No.: 10/607,825 )  
Filing Date: 6/27/2003 ) Examiner: Webb  
Title: BINDERLESS STORAGE PHOSPHOR )  
SCREEN ) Conf. No.: 8428

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is an Information Disclosure Statement (IDS) Form PTO-1449.

Please charge \$180 fee for submission of an Information Disclsoure Statement, any underpayment or credit any overpayment under 37 C.F.R. § 1.17 associated with this paper to Deposit Account Number 08-0719.

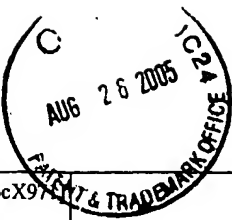
Respectfully submitted,

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August 24, 2005

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Date



[DocX97]		<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>				<b>Attorney Docket No. 27500-160</b>	
		<b>Title: BINDERLESS STORAGE PHOSPHOR SCREEN</b>					
<b>U.S. PATENT DOCUMENTS</b>							
<b>Examiner Initials</b>	<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Sub- Class</b>	<b>Filing Date If Appropriate</b>	
	5,032,732	7/16/91	Ito	250	484.1		
	5,905,014	5/18/99	Van de Bergh	430	139		
	6,228,286	5/8/01	Leblans et al.	252	301.4H		
	2004/0026632	2/2004	Struye et al.	250	484.4		
	2004/0262537	12/2004	Leblans	250	484.4		
<b>FOREIGN PATENT DOCUMENTS</b>							
<b>Examiner Initials</b>	<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Country</b>	<b>Sub- Class</b>	<b>Translation</b>	
	3205693	8/25/83	Siemens AG	DE		Abstract	
	2000346996	12/15/00	Patent Abstracts of Japan	JP		yes	
	43 42 219	6/14/95	Seimens AG	DE		Abstract	
	1 113 458	7/4/2001	Agfa-Gevaert	EP			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
Examiner's Signature: _____ Dated: _____							

Copy of all cited references are enclosed.

## No English title available.

Patent Number: ☐ FR2521781  
Publication date: 1983-08-19  
Inventor(s): HEINRICH HANS  
Applicant(s): SIEMENS AG (DE)  
Requested Patent: ☐ DE3205693  
Application Number: FR19830001765 19830204  
Priority Number(s): DE19823205693 19820217  
IPC Classification: H01L31/16; A61B6/00; G21K4/00  
EC Classification: G01T1/29D9, G21K4/00, H01L31/14B  
Equivalents: ☐ JP58153379

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### Abstract

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The invention relates to an X-ray image converter having a screen (8), which can be excited by X-rays to store luminous electrons and which is assigned means for scanning illumination and means (6) which convert the result of the illumination into electrical signals, as well as a device (16) for converting the image signal sequence thus obtained into a visible image. In such arrangements, the grainy or patterned structure of the storage material layer that is normally present causes interference in the image. In order to avoid this disadvantage, the invention provides a homogenous storage layer (8), which can be constructed, for example, as a single crystal or a transparently vapour-deposited layer. An X-ray image converter

constructed according to the invention is particularly suitable for use in medical X-ray diagnostics.



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